

BLOCKED ISOCYANATE CROSSLINKER SOLUTION

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Abstract of the Disclosure

[0031] A low viscosity blocked isocyanate solution can be made by reacting together a polymeric isocyanato compound and propylene glycol, or a polymeric primary or secondary amine and propyl carbonate. The resulting beta-hydroxypropyl urethane polymer can be combined with propylene glycol monomethyl ether as a reducing solvent to form a pourable high-solids solution with good flow properties at room temperature. The solution has lower viscosity than is obtained using ethylene glycol as a blocking agent or using several non-HAPS reducing solvents that are similar to propylene glycol monomethyl ether. The solution can readily be combined with electrodepositable paint ingredients to form a curable coating composition.

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